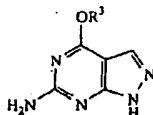


(iii) contacting said halopyrazolopyrimidine with an alcohol of the formula  $R^3-OH$  to produce an alkoxy pyrazolopyrimidine of the formula:



and

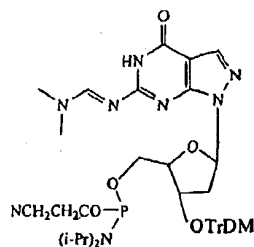
(iv) iodinating said alkoxy pyrazolopyrimidine with an iodinating agent under conditions sufficient to produce said iodopyrazolopyrimidine.

40. (original) The process of Claim 39, wherein said halogenating agent is selected from the group consisting of  $POCl_3$ , iodine monochloride, N-iodosuccinamide and  $SOCl_2$ .

41. (original) The process of Claim 40, wherein said halogenating agent is selected from the group consisting of  $POCl_3$  and  $SOCl_2$ .

42. (original) The process of Claim 39, wherein said formylating agent is selected from the group consisting of dimethyl formamide, 1-formylpiperidine, 1-formylmorpholine and triformamide.

43. (original) The process of Claim 39, wherein said iodinating agent is selected from the group consisting of iodine monochloride and N-iodosuccinimide.



IS THIS PART  
OF CLAIM 43?

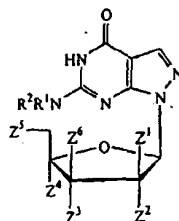
wherein "DMTr" represents a dimethoxytrityl group.

44. (new) The PPG phosphoramidate according to claim 1, wherein  $R_2$  is a photolabile amine protecting group, or  $R^1$  and  $R^2$  together form a photolabile amine protecting group.

45. (new) The PPG phosphoramidate according to claim 2, wherein  $R_2$  is a photolabile amine protecting group, or  $R^1$  and  $R^2$  together form a photolabile amine protecting group.

46. (new) The PPG phosphoramidate according to claim 3, wherein  $R_2$  is a photolabile amine protecting group, or  $R^1$  and  $R^2$  together form a photolabile amine protecting group.

47. (new) A PPG phosphoramidite comprising a hydroxy protecting group, wherein said phosphoramidite nucleoside is of the formula:



wherein  $R^1$  is selected from the group consisting of hydrogen and alkyl;

$R^2$  is selected from the group consisting of hydrogen, alkyl, and an amine protecting group, or  $R^1$  and  $R^2$  together form an amine protecting group;